

FROSH NOMINATE SIXTY-FIVE MEN FOR 8 POSITIONS

New System of Preferential
Voting Inaugurated
On Wednesday

FOURTEEN FOR PRESIDENT

Polls to Be Held in Basement
Of Building 2 Instead
Of in Walker

Considerable interest has been shown by the freshman class in its class elections to be held Wednesday, judging by the large number of nominations turned in last week. Sixty-five men are nominated for eight offices; 14 running for president of the class, six for vice-president, seven for secretary, nine for treasurer, 12 for the Executive Committee, and 17 for the Institute Committee. Two men are to be elected to both the Executive Committee of the class and to the Institute Committee.

An innovation from the former method of election is the inauguration of the preferential system of voting whereby the voter places beside the names of the nominees, numbers showing the order of preference. A number one, for instance would be placed after the name of the voter's first choice, a number two for his second choice, and so forth. This new system was inaugurated by the Institute Committee last May, because it was felt by the Australian Ballot System a man could be elected without being backed by the majority of the class. In the new system, if no man gets a majority, the election will go to the one who has the highest preference of the majority.

Polls in Room 2-075

The Elections Committee announces that any form of electioneering at the polls Wednesday is absolutely forbidden. Any ballots incorrectly marked will not be counted. The place of voting will be room 2-075 in the basement of Building 2, near the freshman lockers, instead of in Walker as was done last year. The polls will be open from 8:30 in the morning until 5:30 in the afternoon. Results of the election will be made known at the meeting of the Institute Committee next Thursday at five o'clock, at which time they will be submitted to that body for ratification.

ENGINEERING MAGAZINE ON SALE THIS MORNING

Tech Engineering News Appears
With November Issue

Tech Engineering News went on sale this morning in the main lobby with its November number. One of the important articles it contains is one describing a commercial method for the preparation of clear fused quartz. A sample of the quartz made by the method described is on display in the lobby, in order to show a few of the interesting properties of the material.

"Clear Fused Quartz Made in the Electric Furnace" is the title of the article by Mr. Edward K. Berry of the Thomson Research Laboratory of the General Electric Company. It describes the method recently developed for the production of quartz in pieces large enough to be used in commerce. Quartz is transparent and because it passes heat waves as well as light, is considered a desirable material for motion picture lenses. Glass lenses when subjected to the heat waves in a powerful projector, absorb them, resulting in a rise in temperature of the glass with the possibility that the lens will crack.

"Aerial Photography" by Mr. Gerard H. Matthes '96; "Engineering Ethics and Finance" by George J. Fertig of Hornblower and Weeks; "Co-operative Research at the Massachusetts Institute of Technology" by Professor G. B. Haven '94, Professor of Machine Design at Technology; and "Petroleum" by Luis de Florez '12 are other papers presented in the November T.E.N. The review of new books is furnished by the Library staff of the Institute to give students a knowledge of the new worthwhile technical literature being published.

CATHOLIC CLUB HOLDS FIRST DANCE OF YEAR

The Catholic Club gave its first dance of the year last Friday evening in the main hall of Walker Memorial. The dance was very slightly attended and proved rather a disappointment to those in charge from that standpoint although the 70 or 80 couples attending seemed to enjoy the hop. Music for the affair was furnished by Morey Pearl's Brunswick Record Orchestra.

TALKS TO SENIORS ON THE PROBLEMS OF ENGINEERING

R. E. Thompson Delivers First
Of Second Series Of
Aldred Lectures

SUGGESTIONS PRESENTED

"In a small business one can get a broad view of the business that it is next to impossible to obtain in a large organization with its highly specialized departments," said R. E. Thompson, Superintendent of the Gillette Safety Razor Company, in the first Aldred Lecture of this year, delivered Friday afternoon in room 10-250. In opening, the speaker mentioned that he preferred to call his talk a "shop talk" rather than a lecture.

According to Mr. Thompson, when one becomes connected with the technical department of a large company, he does not have the opportunity to observe either the financial side or the selling side of the business, making it very difficult to rise to a position of using other than his specialist's knowledge. A college graduate, therefore, would do better to take a job in a small company rather than in a highly specialized industry because in the latter he would eventually find himself working as a small part in a highly specialized machine.

"Position" Versus "Job"

The lecturer discussed laziness at some length, giving credit to the lazy man because he usually finds ways of doing tasks quicker and easier. It is by this means that the industrial engineer is often led to "short-cut" methods of production.

In speaking of the relation of the employer to the employee, Mr. Thompson emphasized the fact that the employer can furnish only the "job"—the "position"—must be made by the employee. If a man likes his work and does it well, he has a "position." On the other hand, if he performs his duties in an uninterested manner, and with as little effort as possible he has a "job."

Next Aldred Lecture Dec. 5

Arrangements are being made by the committee in charge of the Aldred Series at the Institute for the printing and distribution of pamphlets containing Mr. Thompson's lecture. They will be available within a few days.

Mr. S. P. Bush of the Buckeye Steel Casting Company will be the speaker at the second Aldred Lecture, to be given on December 5. Subject of the talk will be announced at a later date.

FACULTY FAVORS— STUDENTS OPPOSE TWO TERM SYSTEM

Committee Will Present Plans
For Change; Faculty
Will Decide

PRESENT STUDENT OPINION

Uncertain If Final Decision Will
Be Arrived At On
Wednesday

Faculty opinion in the Institute seems to be in favor of, and student opinion against the substitution of the two term year for the three term. While everyone interviewed asks not to be quoted, most of the Faculty agree that it would simplify their work if the new system were adopted, while all of the students agree that a three term system is easier for them.

The committee of the Faculty, headed by Professor C. E. Fuller, which was appointed to consider the relative merits of the two systems has prepared a report which it will submit at the next meeting of the Faculty on Wednesday. The report contains a plan for changing to the two term system with the plan for the revision of the three minimum of inconvenience, and also term system. The committee will simply present the facts, and allow the entire Faculty to judge as to which plan will be adopted.

Students Present Opinion

At the Faculty meeting, a report of a committee appointed by the chairman of the Institute Committee to investigate the students' opinions of the matter will be presented. The report has been prepared to present the situation from the student point of view, and will be considered by the Faculty in making its decision.

At the Registrar's office, it was stated that the decision is entirely up to the Faculty; that the plan must be judged on its merits as improving or injuring efficiency of instruction, and that that office could do nothing but conform to the decision of the Faculty.

It is uncertain whether the Faculty will take final action on the proposal at its meeting this Wednesday. If it is decided, the change could be made by next October.

(Continued on Page 4)

COMBINED CLUBS PLAY IN LYNN THIS EVENING

The second concert of the season will be given by the Combined Musical Clubs this evening in Classical Hall, Lynn, under the auspices of the Lynn Educational Society. The program for the entertainment will be identical with that rendered at the first concert at Filene's. It is quite a coincidence that the clubs have played their second engagement of the season at Lynn for the past 15 years, although last year happened to be the one exception to break in on this record. The clubs further state that the final cuts in the personnel of the various clubs will be made after the concert at Lynn.

Freshmen Nominated For Election Wednesday

President

A. A. Adler D. M. Faller
G. D. Baker L. A. Forsyth
F. B. Brown G. E. Francis
J. W. Chamberlain Richard Goble
C. G. Crocker J. A. O'Hearn
H. S. Cushing J. M. Whitney
E. J. Deane H. B. Whiting

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J. S. Bennet A. R. Keith
J. A. Cullen C. F. Merrick
H. B. Dean D. S. Shipley

Secretary

John Baker-Carr E. Gray
L. A. Bullard E. V. Grover
James Donovan J. D. Guertin
J. J. Hartz

Treasurer

H. A. Burnell G. R. Lang
D. F. Collier H. W. Miller
A. S. Dempewolf J. F. McDermott
H. J. Fekas Hyman Weinberg
T. Taylor

Executive Committee

M. H. Baker T. C. Kane
E. A. Basilio David Ingle, Jr.
G. Y. Flynn Charles Kaplan
E. Hartshorne W. G. Loomis
Gilbert Hathaway D. F. Sabin
Richard Holihan A. Wharton

Institute Committee

H. E. Breitenbucher G. V. Patrick
Edward Chute L. Reid
W. H. Phillips J. A. Grant
J. G. Barnsworth F. W. Sammis
Kent Hough W. J. Slagle
G. S. Hubbard W. J. Nock
J. W. Johnson E. N. Wells
M. deF. Seavey T. S. Wood Jr.
R. H. Titherington

CHARITIES DRIVE CLOSES SHORT OF GOAL ALTHOUGH FRIDAY RECEIPTS ARE BIG

Final Results of Combined Drive		
Standing of Classes:		
Classes	Percent	Amount
1925	57.2	\$708.40
1927	60.3	616.36
1926	55.5	576.30
1928	64.4	556.75
Graduates	33.9	178.23

Total Amount Received \$2636.04
Cash, \$1861.04 Pledges \$775.00

Monday	\$480.84
Tuesday	721.65
Wednesday	259.31
Thursday	345.80
Friday	632.69
Saturday	195.75

Additional Fraternity Reports	
Delta Psi	100%
Delta Tau Delta	100%
Kappa Eta Kappa	100%

DORMITORY SMOKER IS LIVELY AFFAIR

Improvised Quartet Renders
Old Timers Accompanied
By The Accordion

The entertainment furnished by the "seven wild women," so called by the Boston Herald, at the Dormitory Smoker held last Friday evening in the recreation hall of the Carr Fastener Company proved quite popular among those attending the affair. Many points of interest to the dorm men and in particular to the new men living in the dormitories were brought out in the speeches of the evening which were delivered by Professor L. F. Hamilton of the Dormitory Committee, H. R. Pierce '25 of the Athletic Committee of the Dormitories, and A. G. Hall '25, Chairman of the Dormitory Dance Committee.

Things started off with O. B. Denison '11, Secretary of the Alumni Association, leading the men present in the singing of "Take Me Back To Tech." In the address which followed, Professor Hamilton told of the manner in which the Dormitory Committee inspected the dormitories and stated that so far these tours of inspection had produced none other than favorable opinions in the minds of the committee. H. R. Pierce emphasized the fact that the importance of dormitory athletics was going to be stressed more than ever this season and that a cup would probably be given to the winners in one of the several inter-dormitory sports. These sports are bowling, basketball and baseball.

Following the serious part of the evening's program were the promised seven vaudeville acts. The girls sang and danced, two of them doing a clog dance. Another proved quite versatile on the accordion and evoked great cheers from the audience. During the program several of the performers seemed greatly attracted to the elderly men attending the smoker and promptly proceeded to confer their attentions on the Alumni Secretary, who more

(Continued on Page 4)

M.S. DEPARTMENT TO TRY MOVIES ON SOPHS

Motion pictures are to be used to teach the Sophomores the course in Military Science this year. The idea is an entirely new one and is going to be given a tryout by the Military Science instructors. Major Winslow, an instructor, stated that a student could learn more in one hour of moving pictures than a term of lectures, provided of course that the Sophomores are able to keep awake. The authorities did not state what methods would be employed to keep them awake. The course will consist of the tactics of the army shown by the moving pictures, instruction in the different parts of the rifle, and practical experience in sighting and shooting different pieces on the range adjoining the athletic field.

1925 ONLY CLASS TO OVERSUBSCRIBE ITS CLASS QUOTA

Twenty-Eight Fraternities and
Entire Dormitories Are
100% Subscribers

Although the Combined Drive missed its goal by ten percent in its campaign last week, in that only \$2636.04 were collected out of a quota of \$3000, the Combined Drive Committee declares that it is satisfied with the results.

The entire dormitories went 100 percent as did 28 fraternities, while the average of the student body as a whole contributing was about 57 percent. In the middle of the week the drive had slumped considerably, but on Friday, more was collected than on the previous two days, due to increased activity of the free lances. The Seniors were the only class to fulfil the quota of \$700 that was given to each class. There was a larger percentage of freshmen contributing than of the other classes. The averages of the classes are quite close to 57 percent, and none vary from it more than seven percent.

\$775 In Pledges

Of the total \$2636.04, \$1861.04 were in cash, and \$775.00 in pledges. Since more than one quarter of the total is pledged, the treasurer of the drive desires that these pledges be paid up as soon as possible, so that the two beneficiaries of the drive may be paid their share in a short time, and so that the accounts of the drive may be closed up in a reasonable time. Although the drive is officially over, the committee will be very glad to take in any further subscriptions.

Even though the goal of \$3000 was not reached, the previously determined apportionment of the money will not be changed. According to this plan, \$200 will be given to the T. C. A. and the remainder minus a small amount for the expenses of the drive goes to the American Red Cross.

Unfortunate Circumstances

The committee feels that the shortage was due to many circumstances, over which it had no control, that tended to militate against students readily donating to the drive. The chief factors among these unfortunate circumstances were the proximity of the drive to the activities of Field Day which tended to center all attention on class struggles, and to eclipse the Combined Drive; and a noticeable lack of money among the majority of the undergraduates at the present time. Whether this latter condition was due to a large number of social events occurring at this time or to the fact that last month's Coop bills were due on November 10, is not known. However, the per capita amount of the students contributing was \$1.61, which is considered by the committee as a very fine showing of the generosity of those who did contribute.

Another obstacle which hindered the success of the drive, and which has been quite an obstinate factor, is a considerable ignorance as to what the money would be used for. A report was circulated that a large part of the money that the T. C. A. received from the Combined Drive goes for the payment of salaries to its hired officers. This is an entirely false idea because every dollar paid as salaries is solicited separately by the Advisory Council from parents of the students and from the faculty, so that none of the money donated by the student body ever is used for this purpose.

CALENDAR

Monday, November 17
2:30—Technology Dames meeting, Emma Rogers room.
8:00—Second Combined Musical Clubs Concert, Classical Hall, Lynn.
Wednesday, November 19
8:30—5:30—Freshman class elections, room 2-075.
Friday, November 21
8:00—Dormitory dance, main hall, Walker.

A Record of
Continuous
News Service
for 43 Years



Official News
Organ of the
Undergraduates
of Technology

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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In Charge of This Issue:

G. C. Houston '27

WHERE IS YOUR BUTTON?

THE Combined Drive is officially over. Only fifty-six percent of the Student Body contributed to the only Charity drive that is to be held this year. There is no more worthy charity to which students are asked to contribute than the Technology Christian Association. The Committee on the Drive placed as their goal \$3000, with an undergraduate body of about 2900. That is an average of only a little over one dollar per man, but almost 1200 men have not yet contributed one cent, while those that have contributed have averaged over a dollar and a half.

Though the Drive is officially over, the Committee will not turn down any further contributions. There is only \$365 more to be raised in order to go over the top. If these 1200 men who have not been able to part with a dollar to insure the efficient running of our Christian Association will now come through with only forty cents each, the goal will be reached by a margin large enough to cover the few men that have made pledges, but fail to keep their word, though it is to be most sincerely hoped that no student at the Institute would do a thing like that.

The Dormitories have come across one hundred per cent. Twenty-eight Fraternities have done likewise. Without a doubt, these two groups contain the men that are benefited the least by the operations of the T.C.A. If these men can pay up, why not those men who receive the full benefits of the work of the Association. Cannot these men give the price of a good dinner, or even a poor dinner?

COLD WEATHER AND HEALTH

AS usual at this time of year, with the coming of the first cold weather, the general health of the student body begins to go down. More and more show up every day with colds and other minor troubles, and the attendance at classes is beginning to get irregular on account of those laid up.

The body is one's most valuable possession and warrants far greater care than most of us give it. If you are careless of your health, why stay at the Institute and attempt to get an education, which represents such a great investment? No business man will invest his money in an enterprise which is all but in ruins, so why should the rest of us? A huge majority of the slight, but nevertheless seriously interfering, illnesses that make themselves felt this time of year are the result of carelessness pure and simple.

Every one knows that to miss even two or three days at the Institute is a serious loss. Even if colds do not cause actual absence from class, they make it extremely difficult to do good work and get the full benefit from courses. Consequently any such minor illness, unless it is extremely slight, means a temporary hiatus in school work, which is bound to show up in the final records. Keep yourself fit, get plenty of sleep, and hit on every cylinder every day. It is worth while.

A GREAT deal of interest is being shown by college men all over the country, as result of an announcement by Dean Wilkins of the University of Chicago, in which he states that all fraternities having marks averaging under C would probably be denied winter term initiation privileges, and spring term house party privileges. Dean Wilkins hopes to raise the scholastic standing a great deal by this measure, which he believes to be quite fair since the average of the work of all men at the University is B.

It is a question just how this measure will work out; whether on the one hand, it will raise the standing of the delinquent fraternities; or, will on the other hand, only result in a clash between the faculty and students. It is something which will recall to the college man days spent under the parental eagle eye, and the consequent discomfitures. However, time alone will tell the result; meanwhile much curiosity is being excited.



The Lounger has come across a new proposition in sport betting. He hears of two men who took the list of football games to be played last Saturday, went through the list, and placed bets on every one of the 52 games listed, though in some cases, they had never heard of the contestants. It is believed

that the sum of ten cents was put on each game. The Lounger should say that with 52 bets at ten cents apiece, even money on all of them, a man would stand a fair chance of breaking even. He would, or should, get a big kick out of it.

It reminds the Lounger of one occasion when he was playing Bridge at a quarter of a cent, and after playing half a dozen or so rubbers, came out three points ahead. He didn't spend the winnings of that evening all in one place. In fact, he didn't spend them at all.

The Lounger has at last found a piece of inefficiency. He went into

the Bursar's Office about something—never mind what—the other day, and he was asked if he had paid them \$25 lately. He, honestly disclaimed any knowledge of it. He was then informed that he had that sum to his credit, though they had no record of his having made any such payment, or where the money came from. He was perfectly willing to accept the present, but the office returned a verdict to the effect that it apparently wasn't his, since he hadn't paid it, and so they would keep it themselves.—Two-bits some bookkeeper got bawled out.

The Lounger feels highly complemented by one statement in the communication from Mr. Weihmiller that was published on this page the other day. Mr. Weihmiller said something about the Lounger's dropping his role of master of wit and sarcasm and turning to other fields. He has forgotten the exact wording, and hasn't a copy of it at hand, but it was to that effect.

The Lounger doesn't know whether Mr. Weihmiller was trying to be a Master of Sarcasm himself at that point, but if he was, it was darned weak. So far as his making incorrect statements as to the number of Professional Societies on the dear old Committee, he is very sorry if he has misrepresented this figure. The Editor has already acknowledged the Lounger's error, and it won't happen again. At all events, the Lounger is sure going to be present at that meeting next Thursday. There ought to be some fun.

Communications

To the Editor:—

Your editorial "The Two Term System," in the issue of November 14, seems to indicate on the part of THE TECH, though not, I hope, on the part of the Student Body, a point of view diametrically opposite to that of the Faculty.

You would appear to think that the calendar and curriculum of the Institute should be arranged for the convenience of the student who works only when something compels him to do so. The Faculty believes that all Institute matters should be arranged to benefit the student who is eager to learn and willing and able to work.

When you say that "with a two-term plan, too much is at stake when examinations come around," you evidently have in mind the student who expects to fail and to take a condition examination, or one who expects to pass only with a severe dose of "cramming."

To me, it is by no means "obvious that the percentage of failures must increase" with a fifteen week term. The Institute was formerly on a two term basis, and I believe that the percentage of failures is quite as large now as it was then.

All your arguments are fallacious. Even if it were true that the student "neglects his work more"—which the context shows means for a longer time—in a fifteen week term, still he does so only two thirds as often, and his "half as much again cramming has to be done only twice a year instead of thrice."

Consider your argument that "students learn more in a ten weeks term because they start studying sooner." Suppose under a ten week term, a student idles for the first five weeks of the term; until, that is, his intermediate records warn him. His total unproductive time is fifteen weeks per year. Under the fifteen week term, this student could idle the first seven and a half weeks of a term and be no more wasteful. It is not at all likely that a student could be idle for seven and one half weeks without receiving very definite notification of that fact. He could receive his warning, doubtless, after five weeks of idleness. The former student thus has fifteen weeks of working time; the latter twenty. How then can the former "learn more?"

Your "break in continuity of work" argument is certainly in favor of two terms, as the work would be interrupted only once between terms. Instead of twice; the discontinuity due to holidays being the same in both cases.

More important than these details, however, is your evident desire to arrange the calendar to suit the less worthy students; those who work only because they are forced to work. I hope the calendar, and all other matters, will be so arranged as to favor the student who, as I have said, is eager to learn and to whom the work of learning is a pleasure.

(Signed) L. M. Passano.

To the Editor of THE TECH:—
Dear Sir—Tech men are presumably interested in any extension of the scientific method into new fields of research, even when the extension constitutes such a radical departure that its scientific character is not yet generally realized. The class of phenomena known as psychic, which the Scientific American has been investigating, is only one of the less interesting varieties of those phenomena which, though yet not understood, are of the greatest importance to mankind, and are susceptible of scientific analysis.

Anyone who knows anything of

Biography Of Richard C. Maclaurin The Creator Of The New Technology

(Editor's Note:—This is the fourth of a series of biographical sketches of the famous Institute men represented by the new pictures in the main hall of Walker Memorial. Others will be published from time to time.)

Richard Cockburn Maclaurin was born July 7, 1870. He entered Cambridge University at the age of 20 and received his Sc.D., LL.D., and B.A. in 1895. In 1898, he received from Cambridge an LL.M.; in 1899, an M.A. from New Zealand; in 1904, an LL.D. Cambridge; in 1908, an Sc.D., Cambridge; in 1909, a D.Sc., Dartmouth; and an LL.D., Wesleyan; in 1910, an LL.D., Harvard.

While Dr. Maclaurin is famous the world over as a student and professor of Law, Mathematics, and Physics, to us, men of Technology, he will mean something more. To us, he is the man who made the Technology, as we now see it, possible.

In 1907, he was offered the Chair of Mathematics at Columbia, which he accepted. The following year he was made head of the Department of Physics. He did not, however, occupy this position long; for during the same year he was elected President of the Massachusetts Institute of Technology and was inaugurated on June 7, 1909. His inaugural address is one which will be long remembered for its sound wisdom. Speaking on Education, he says, "... and the end of Education is to fit men to deal honestly, intelligently, and efficiently with the affairs of life ... Science and Culture are teammates. They cannot, and should not be separated. ... Yes, it is the School that preserves the freshness and vigor of youth, and encourages initiative."

President Maclaurin was not long in office when he was faced with the stern reality that money was needed—and a great deal of it. It was no obstacle to be dodged, nor was Richard Cockburn Maclaurin the man to dodge it; but rather, then and there, he con-

secrated his life to the task of obtaining for Technology the money which meant so much to her—meant the added courses, the new buildings, the modern equipment, the complete facilities of all kinds, and above all, a place to expand. The next ten years were devoted to this cause. After repeated efforts, the Commonwealth of Massachusetts consented to give \$100,000 a year for ten years. Otherwise, things did not go so well. During these first, trying years, the only consolation for those interested in Technology was the statement of President Maclaurin that perhaps there would be enough to "tide her over another bad year." A fund was started for the money for a new site and new buildings, and it slowly grew, thanks to President Maclaurin. About this time he also discovered Mr. Eastman, a benefactor of the Institute whose identity was a mystery, and who was known simply as "Mr. Smith." President Maclaurin had hopes that the Institute would be able to share in the money and opportunities of the Mackay bequest of Harvard University.

With the outbreak of the War, ominous clouds loomed up on the horizon. The State refused a renewal of the grant, and the Institute was ruled out of the Mackay bequest. President Maclaurin worked on unceasingly, and at the end of a year of war-work, during which time he had no vacation at all, he announced that a certainty had been made of an endowment: fund of \$8,000,000 through Mr. Eastman.

There, within sight of the goal, before—a well-blazed trail, behind,—President Maclaurin was called.

Many will say "What a pity, he could not live to see Technology's complete success." The answer to this is found in the character of Richard Cockburn Maclaurin; no selfishness to be indulged; no personal vanity to be flattered; only an ever increasing fidelity to purpose, and an immeasurable love for Technology.

physio-psychology will agree that the realm there opened to our study is as complex and as important as the entire inorganic world. The position of the human consciousness at the very center of this field should encourage direct investigation of it; yet our modern science has devoted itself almost wholly to the study of things and the development of instruments external to the personality, and has left to the Oriental races, with their limited comprehension of the scientific attitude, the observation of man's internal states of consciousness and their capacity for development. It is only gradually being brought to the attention of the western world that, by carrying its scientific attitude into this new field, and asking a few hints as to method from what has been learned in the Orient, revolutionary discoveries may be made, which independent investigators can corroborate in accordance with the most rigid standards of science.

The method used falls under the general description of "meditation," and requires such preliminary training in the investigator as will enable him to keep his attention absolutely fixed on the object of his study, without any of

(Continued on Page 4)

Play Directory

BOSTON OPERA HOUSE: Walter Hampden in "Cyrano de Bergerac." Boston debut tonight.

COLONIAL: "Stepping Stones." Just as good as ever.

COPLEY: "The Old Lady Shows Her Medals," "The New World," and "Barbara's Wedding." An evening of Barrie.

HOLLIS: "The Nervous Wreck." Riotous adventure of a neurotic Easterner.

MAJESTIC: "Charlot's Review." Excellent evening's entertainment.

PLYMOUTH: "The Potters." Amusing comedy of common mortals and their troubles.

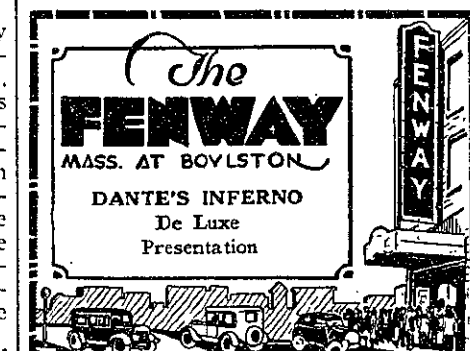
ST. JAMES: "We've Got to Have Money." Comedy.

SELWYN: "For All of Us." Play by and with William Hodge. Good.

SHUBERT: "Wildflower." Good musical comedy. Edith Day.

TREMONT: "Saint Joan." Shaw's famous chronicle-play, superbly acted.

WILBUR: "Moonlight." With Julia Sanderson.



STUDENTS ACCOUNTS
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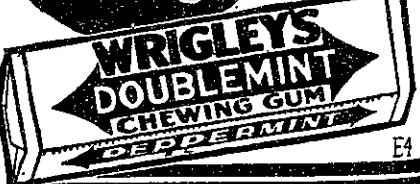
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SOCCER TEAM WINS FROM NORTHEASTERN 9-2

Frosh Harriers Romp Over St. Johns Easily Taking First Four Places

NORTHEASTERN IS OVERWHELMED BY SOCCER CONTEST

Beavers Win Easily From Their Opponents Saturday By Score of 9-2

HSIN STARS FOR TEAM

Ruiz Is Unable To Play Because Of An Injury Received In Last Game

The Technology soccer team had no trouble last Saturday in running up a 9 to 2 score on Northeastern University. Although the game was rather slow, at times some brilliant plays were made. The teamwork of the M. I. T. players was the bright light of the game.

During the first half the playing was kept for the most part in the Northeastern half of the field, but occasionally the losers got near the Technology goal. Marques scored in the first minute of play for the Beavers, carrying the ball right to the goal. The second point was also made by Marques on a team play to the goal, a few minutes after the first. Shortly after, Young made a long kick which Ever missed, making it 3 to 0 for the Engineers, inside of a few minutes after the game started. The fourth, a short kick by Martinez, went through the posts about three minutes later. Almost immediately Young scored again on a second long kick. The points were piling up rapidly at this stage of the game. The sixth resulted when a head shot by Hsin bounded off a Northeastern player right through the goal. On a 40 yard kick Hsin made another point. The playing of Hsin featured all through the game. Glen Bateman took his turn at scoring next, when he sent a long kick past Ewer. The first Northeastern score came just a half a minute before the half ended, Scussel getting the ball past Cheney.

Second Half Slower
The second half was slower than the first, although Northeastern came back full of fight. A few minutes after the beginning of the half the ball was carried right to the Beavers' goal, but Northeastern was unable to score. The playing next shifted to the M. I. T. side of the field, and things were pretty dead for a while. Arellano went in for Cheney, who was freezing to death with nothing to do, at goal. This is a new position for Arellano, but he did excellent work. Northeastern immediately carried the ball to the Technology goal, but two pretty plays by Arellano prevented any score. About 15 minutes before the end of the game, however, in a scrimmage before the goal, Northeastern made the second point when Scussel received a pass and sent it by Arellano.

Just to put on the finishing touch, Technology made it 9 to 2 when Hsin scored his third goal for the day. The Engineers' teamwork showed up in the last few minutes, but the Northeastern team was just getting warmed up, and no more scores were made. Hsin, Young, and Marques shone for the Beavers. Young, who usually plays fullback, had to be shifted to outer right on the forward line, where he gave a very good account of himself. His two goals were scored by long kicks, the second going 50 yards. Ruiz, one of the stars of the team, was unable to play on account of an injured foot, which may keep him out of the game for some time, but his place was filled by Enger. For Northeastern, Captain Kupka and Scussel, a diminutive little fellow were the leading lights. The only scores were made by Scussel.

The summary:
M. I. T.
Cheney g
Sun (Capt.) rb
Sacco lb
Jones rh
Arana ch
Enger lh
Young rof
Marques rif
Bateman cf
Hsin lf
Martinez lof

Northeastern
Ewer
Moore
Kupka (Capt.)
Rae
Young
Fosberg
Chen
Scussel
Foung
Yeunzela
Urquhart

Goals: Hsin 3, Young 2, Marques 2, Bateman 1, Martinez 1, Scussel 2; substitutes: M. I. T., Arellano, Badger, Northeastern, Wolfman, Foster; referee, Welch. Time, Two 45-minute periods.

FRESHMEN TEAMS A AND B ARE PICKED

Frosh R.O.T.C. Rifle Team Now Cut To The Ten Highest Scorers

Marksmanship is rapidly approaching a science in the ranks of the freshmen rifle squad, for of the weekly matches planned as a part of the training schedule, the first has taken place with the following score:

Team "A"	Score	Team "B"	Score
G. Clahane	100	R. D. Hoak	99
H. D. Morrill	100	A. R. Elliot	99
H. R. Wengen	100	E. S. Hatton	98
R. M. Harbeck	98	R. W. Murley	97
H. K. Mann	100	H. C. Huffman	96
Total	498	Total	489

The above teams were constituted of 10 men each but only the five best scores for each were used for the record. By means of elimination, the original number of 58 men reporting to the range was cut down to 20, but of these, only the 15 best will be retained for the regular group after the competitive shooting ending on November 20th. This squad is to be divided into three five-men teams and will probably function as representatives of the R.O.T.C. At the end of the year, silver medals will be given to the ten making the highest scores.

FENCING TEAM ON TOES FOR SEASON

Forty-eight Men Are Out For The Honorable Sport As P. T. Commences

With 48 men, including Varsity and freshmen candidates, reporting for fencing, the outlook thus far for a strong team this year is quite promising. Captain Levis says that although it will take time to choose from so many candidates, he expects to have a strong combination ready in a short while.

The only department of the team which at present looks weak is the epee. The foils will be well taken care of, with four veterans back; the sabres too are well fixed. But the epee is coming very slowly, with not much in sight. New men will have to be developed, unless Blake and Cole, two veterans of last year, will get out for the team. Two men from whom Captain Levis expects much this year are Walker and Hawthorne, both foilsman. These two laid off during the first weeks to make sure of their studies, so they could have

(Continued on Page 4)

HILL AND DALERS TRAIL IN ANNUAL N.E.I.C.A.A. RUN

Lermond of B.C. Captures First Place—Williams College Wins Title

TECH SCORES 396 POINTS

Technology's hill and dale cross country squad trailed in last place at the 12th annual N.E.I.C.A.A. run over the five mile course at Franklin Park Saturday morning. Thirteen colleges and universities were entered with 96 harriers running, the meet going to Williams College with a total of 66 points. Frank Kanaly's charges from Maine captured second team honors with 74 points while the University of New Hampshire was third with 87. Technology trailed in last place with a high total of 396 points.

For the first time in many years the engineer varsity was not entered in the New England title run, the team which represented Technology yesterday being virtually a second team. Coach "Doc" Connor is saving the varsity harriers for the intercollegiate run at Van Cortlandt Park the latter part of this month.

Star Trio Always in Lead
Individual honors in the race went to George Lermond of Boston College who crossed the finish line first in the fast time of 28 minutes and 14 seconds. Leo Larrivee, Olympic runner from Holy Cross, finished a close second, 12 seconds behind the B.C. runner. Hillman of Maine was third.

From the outset, it was clear that the Tech runners never had a ghost of a chance of placing high up in the meet. The star trio from Holy Cross, Boston College and Maine was always way up ahead with their teammates well bunched and followed close behind.

On the first lap around the course, Lermond and Larrivee had a good 100 yard lead over the grouped runners. Ostborg was running in approximately 50th position and was leading the Tech team at this time. Hunt was running in the wake of the harriers and was followed by O'Brien, Preston, Burns and Bailey in the order given. Dahl was forced to drop out because of a wrenched ankle which had been previously injured in the N.E.I.C.A.A.U. run last week.

Order of Finish
The order of finish of the engineer harriers was as follows: 54, John Ostborg; 74, Gaillard Hunt; 78, J. J. O'Brien; 83, F. W. Preston; 84, B. G. Burns; 86, A. B. Bailey.

The team scores were as follows: first, Williams, 66; second, Maine, 74; third, New Hampshire, 87; fourth, Holy Cross, 101; fifth, Bates, 128; sixth, Boston College, 143; seventh, Brown, 197; eighth, Middlebury, 200; ninth, Bowdoin, 231; 10th, Rhode Island State, 235; 11th, Boston University, 241; 12th, Mass. Aggies,

276; 13th, Technology, 396.
The meet Saturday concluded the cross country season for the hill and dale team and although they were defeated in every run in which they participated, Coach "Doc" Connors believes that the hill team has at least accomplished the purpose for which it was created.

Two Hill Men Make Varsity
According to the original plans of the coach, two equally strong cross country teams were to be organized, one to compete on hilly ground and the other to run only the level courses. The hill team would compete in the New England intercollegiate while the varsity would be saved for the big intercollegiate later, it was planned.

There was not sufficient material with which to organize two teams so that "Doc" Connors was obliged to take the pick of the runners and organize the varsity around them. The hill squad therefore became virtually a second team. Coach Connors said yesterday that the hill and dalers have developed some excellent experience from their meets with the big teams during the past season so that it is now a reservoir for the varsity squad. John Ostborg, for example, who was the third Tech man to place in the Princeton meet a few weeks ago, began on the hill squad. Coach Connors is now planning to enter Harry B. Smith, a former hill and daler, in the I.C.A.A. A.A. run at Van Cortlandt Park, New York, a week from today.

Handicap Series Get Good Start Last Saturday

Nine More Handicap Meets Are To Be Held Lasting All Winter

Saturday afternoon the first of the series of handicap track meets was run off. Doc Connors was well pleased with the showing of the men and expects to develop some promising material for the track team.

These meets will be run off every Saturday and will continue through the winter and into the spring, the new board track being used in place of the cinder path when the weather becomes too severe. After ten of these meets have been completed a loving cup will be given to the highest point men in each event.

Summary of Saturday's meet:
70-yard hurdles—Won by Steinbrenner, time 10 4-5s; second, Collins, scratch.

1 1/2-mile run—Won by Dinan, time, 7m. 40s.; handicap 175 yards; second, Rooney, scratch; third, Bishko, handicap 220 yards.

75-yard dash—Won by Porter, time 9 1-8 s.; scratch; second, Steinbrenner, scratch; third, Mogul, handicap 4 yards.

660-yard run—Won by Leness, time 1m. 38s.; scratch; second, Warner, handicap 20 yards; third, Cosman, handicap 28 yards.

Hammer throw—Won by Green, handicap 18 feet, throw 136.7ft.; second, Drew, scratch; third, Holmes, handicap 22 feet.

Pole vault—Won by Gray, scratch; second, Barnes, handicap 1 1/2 feet.

High jump—Won by Knight, scratch, 5ft. 3 1/2in.; second, Fort, scratch, 5ft.; third, Steinbrenner, 5ft., handicap 3 inches.

16-pound shot—Won by Brodsky, scratch, throw, 38ft. 10in.; second, Drew, handicap 2 feet, throw 36 ft. 9in.; third, Green, handicap 4 feet, throw, 36ft. 7in.

FROSH HARRIERS ALMOST SHUT OUT ST. JOHNS PREP

Chute, Former Andover Star, Beats Course Record, In Winning

WIN BY SCORE OF 16-47

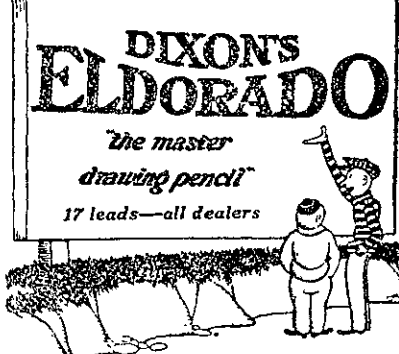
The freshmen cross country team justified everyone's hope in them Saturday by scoring a well earned victory over St. John's. The finish was one cardinal jersey after another, as four Tech men crossed the line one after the other. If R. S. Smith had been able to beat out Baker for fifth place, the Frosh would have scored a shutout. As it was they won by the overwhelming score of 16-47.

The first Tech runner to finish was Eddie Chute, captain of the freshmen. Running over a course that was approximately three miles long, he turned in the fast time of 15 min. 4 4-5 sec. This beat, according to the information obtained, the course record by over two minutes. He was followed closely by Bennett, Kirwin, and Meagher. The first St. John's man to score was Baker in fifth place. Cronin finished in seventh place for St. John's, not another man scoring until Renny crossed the line in tenth place. Clark Merrick was the last man wearing the cardinal to cross the line finishing in eleventh place. The remaining places went to St. John's.

Use Newburyport Turnpike
The race was run over the Newburyport Turnpike, which is considered one of the hilliest courses in New England. The overwhelming victory scored by the frosh avenges the defeats they received at the hands of Harvard and Worcester Tech frosh harriers. They also feel that they have avenged the decisive football defeat that St. John's administered to their football team.

Order of Finish

M. I. T.	St. John's
1. Chute	5. Baker
2. Bennett	7. Cronin
3. Kirwin	10. Renny
4. Meagher	12. Brady
6. R. S. Smith	13. Abbs
8. Walsh	
9. Austin	
11. Merrick	



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The Tech Prepared To Meet 'Snique On Football Field This Wednesday

As the time draws near for the annual TECH-Technique game there is a noticeable depressed spirit about the 'Snique office. While, on the other hand, enthusiasm reigns supreme among the typewriters in the orderly news room of THE TECH. Everyone is so anxious to practice that it has become necessary to hide the pigskin for fear of doing permanent damage to the furniture and fixtures of the reporters' den.

'Snique thought they would get the jump by pre-season practice; but they will find that it was entirely unnecessary, as it is to be a contest of brain against brawn; so the members of THE TECH squad have put off all practice until the eve of the game as further proof of the above statement. Of course the newsmen have one great advantage in their favor because of their previous training. They can send out one of their fold to find out all the 'Snique's trick plays and signals; this will be exceedingly easy for the reporter because, from mere instinct, he will take in all the facts and turn in an accurate statement of the 'Snique's doings.

As to just who will make up the team to face the 'Snique on Wednesday afternoon is a carefully guarded secret; in fact it is so carefully guarded that not even the men themselves know. The reason for this is so not to give the 'Snique any more to worry about than need be; and also so that he will not be able to seduce the men away before the eventful afternoon.

At one of the newsroom practices the brilliant concentration plan was hit upon, meeting with almost instant approval from the typewriters. The plan being to pick out one man on the 'Snique team and concentrate on him, finally forcing him to retire from the game; and to continued this process until all the 'Snique's team had been vanquished from the field, then it would only be necessary to keep making touch-downs until the score reached a certain safe maximum. Whether or not this exact plan is to be followed out in detail described above is, of course, a secret.

From the managing board office there is an abundant and versatile supply of material for a strong team. Don Henderson will probably handle the kicks as he has had considerable experience along that line as General Manager of the best and most accurate publication of Technology. There are also some strong backs that may be drafted into service in case of emergency. These backs have been strengthened and shaped by long and hard service in swivel chairs. There is no doubt as to the ability of the men that are to make up THE TECH team; but just now they are trying to figure out some way of practice that does not harm the tenderest skin or strain the weakest muscle.

There can be no question as to the outcome of this eventful contest; the beloved typewriters, so accustomed to ticking out the defeats for Technology teams, can hardly wait to announce to the world the everlasting torture and defeat of the lowly 'Snique.

Room, Board, and Tuition Cost Seven Dollars A Month In The Far East

As might be easily imagined, the process of getting an education in China differs widely from that with which we are familiar. Of the three main types of colleges to be found there, only one kind resembles the typical American College. These are the State Colleges, run by the government. In all of the important provinces, these colleges exist, not at all unlike our State Colleges. The cost of an education there is remarkably little according to Professor Twiss of Ohio, who has just returned from a long trip through China for the purpose of studying educational conditions. He says that the average cost of room, board, and tuition is about \$7 a month. Books are a great deal more expensive than here. Many American textbooks are used, sometimes in English, but more often translated into Chinese.

Themes and theses are written in Chinese characters, and, since there are over 30,000 of these in the language, a student must know at least 10,000 before he can even pretend to be a scholar in the strict sense of the word.

Other types of colleges, unknown in this country, are first the private, informal college, common among the well-to-do classes, at which the future society leaders of China are taught by a tutor, hired by two or three families, clubbed together for the purpose of

obtaining the best tutors available, and secondly, the missionary colleges. These latter institutions differ widely, because they are run by men of different religions, and coming from all parts of the world in an effort to Christianize China.

Social conditions, too, are vastly different from those to which we are accustomed. There are no dances except at one or two of the seaports, where European influence is more strongly felt. At Shanghai and Hong Kong, the dancing movement is growing, though frowned upon by the more conservative element.

The students, as a rule, live in dormitories. There are no fraternities or clubs at which men can live. Student government prevails. The governing body is a student council in the case of state colleges and a Student Christian Association in the case of Missionary institutions.

Athletics do not receive as much attention as they do here. Soccer is the favorite game, though tennis, track and basketball all come in for their share. Students go to college more to receive an education than to get a major sport letter. Sports are slowly becoming more and more popular as time goes on, although the average Chinese student is more interested in sociology, arts, and literature than in football and baseball.

DORMITORY SMOKER IS A VERY LIVELY AFFAIR

(Continued from Page 1)

than promptly repulsed them with the lighted end of his cigar. Professor Hamilton was also compelled to flee to a position of greater security than that which he occupied at the commencement of the smoker.

O. B. Denison, who is probably remembered for his recent contributions to the entertainment at the All-Technology Smoker, again amused a smoker audience by several of his ditties. Among the songs he rendered were, "Pie, Pie, Pie" and "Hard Hearted Hannah." Another feature of the vocal part of the entertainment was an improvised quartet which rendered such old time favorites as "Sweet Adeline" and "There's a Long, Long Trail." The quartet was accompanied by the accordion and a shower of doughnuts.

Refreshments were more plentiful than is usually the case at smokers. Roast beef sandwiches, cheese, doughnuts, and cider were served and at the close of the evening's program there was enough of everything left to make it possible for everyone to have his fill.

The committee in charge of the Dorm Dance, which will be given on Friday evening, November 21, wish to emphasize that tickets for the affair will be on sale in the main lobby starting today and continuing on Tuesday and Wednesday. No tickets will be obtainable after Wednesday. The price of admission is \$2.00 per couple.

SENIORS AT DARTMOUTH PROPOSE MANY CHANGES

Dartmouth Seniors Propose:
1-Virtual abolition of lecture system.
2-Long-time assignment by topic. The student himself works out a subject taking a week or more. The professors merely designate the sources of material.

3-Small classes meeting weekly. Five or ten in a class. Would spend their time in discussion under the guidance of the instructor.

4-Office hours for consultation with instructor. Students would ask questions to clear up difficulties in the investigation of the subject.

5-Short assigned papers once a fortnight. This would give training in original thinking and organization of material.

6-Additional check on a student's work. Any student who had not completed his work at the end of a quarter semester (about six weeks) would not be allowed to continue until he

FENCING TEAM DOING PRE-SEASON PRACTICE

(Continued from Page 3)

more time for practice in November, but both are back now. Walker in particular is expected to show up well. He is a left hander, something unusual in fencing, and for that reason has an advantage over his opponents.

Arrangements have been made for practice meets between the candidates for the Varsity, of which there are 25. These meets will be held on the next three Saturdays. Immediately after the practice meets competition will begin for places on the team. As in past years, the members will be picked by a series of competitive matches; consistency of practice, however, will also mean a lot in the appointment. This is the time of the year when all the men will have to work hardest, and from appearances they will have to work harder than ever this year to overcome so much competition.

TWO TERM SYSTEM IS OPPOSED BY STUDENTS

(Continued from Page 1)

The Institute Committee is very anxious that the report which it submits to the Faculty at their meeting on Wednesday show as thorough investigation into the subject as possible. Professor Fuller, in speaking of the students' point of view, said that students at the Institute who had never been under a two term system and consequently had had no opportunity to experience such a scheme in its operation could not very well be judges as to which is the better of the two plans. Accordingly, the Institute Committee through the columns of THE TECH is planning to determine the opinion of those students here at Technology who have transferred from other colleges and hence have been able to experience the workings of both systems and are thus in a position to judge their relative merits.

A ballot form will be found on this page which will enable every transfer student to express his opinion and to give reasons therefor. The Institute Committee requests that each transfer fill out the ballot and return the same promptly to THE TECH office, Walker Memorial. Replies must be received before Tuesday at 5 o'clock as the Faculty will meet to decide on the question Wednesday.

Referendum on the Two-Term System For Transferred Students

Check one space below:

I am in favor of:

Two Term System..... Three Term System.....

Reasons for opinion:

.....

Name of Transferred Student

Return ballots to THE TECH Office, Walker, before Tuesday evening at 5 o'clock

HANDBOOK TURNS OVER PROFIT TO THE T.C.A.

Christian Association Receives Gains for First Time

Considerable profit has been made on the T. C. A. Handbook for the first time since its inauguration. The T. C. A. has been called upon to help in the financing of the Handbook in the past. This year the publication will turn in to the T. C. A. treasury a large sum in addition to its budget allowance.

Copies of the Handbook are distributed free to the students each Fall; leather covers being given to all new men. Technology's Handbook compares very favorably with similar publications of other colleges throughout the country.

Plans are now being made for the book which comes out next Fall. The heads of the staff for the year 1924-25 are William Adams '25, general manager, G. S. Delugach '27, managing editor, and S. Gerber '27, business manager. Competitions for the literary and business staffs opens Wednesday. All freshmen and others interested are asked to call at the T. C. A. office, Walker Memorial, Wednesday, at 5 P. M. No experience is necessary.

SPORTS LET FRESHMEN DODGE MONKEY DRILL

Physical training is becoming very unpopular with the freshmen, according to H. P. McCarthy, the physical training instructor. Three hundred and twenty-four men have substituted a sport for the regular class in monkey drill which is already in full swing at the Walker gymnasium. Of the sports selected, track is the most popular having a total of 90 men.

Next to track and very close to it comes crew with 62 men. Basketball, Boxing, Swimming, Fencing, Wrestling and Gym follow the two leading sports in order named. Last year 291 men signed up for sports or about 42 percent of the then freshmen class. This year, however, the percentage is a little higher being about 50 percent or an increase of about 8 percent over last year's class.

ARRANGEMENTS BEING MADE FOR TECH SHOW

W. W. Criswell '26, General Manager of Tech Show 1925, left Boston Friday evening to make arrangements for the presentation of the show in New York City, Hartford, and Poughkeepsie. Other cities will be included on the trip when the schedule is completed.

Chorus rehearsals will begin a few days before Thanksgiving, definite dates to be announced later by the management.

MEETING OF PORTUGUESE IS SPONSORED BY T.C.A.

Mr. Antoine White of Brookline spoke before the Portuguese Civic League in Cambridge last night. His subject was the history of Brazil and "The Responsibility of Portuguese in America to the Portuguese in Brazil." This was sponsored by the Welfare Service Department of the T. C. A., H. H. Taylor '25, director. There were about 100 present.

R. L. Widland '28 volunteered to go to the Middlesex County Jail on Fridays to instruct the inmates in Mathematics and English.

COMMUNICATIONS

(Continued from Page 2)

the wandering thoughts and uncontrolled emotions which keep the mental life of the average person in an aimless turmoil. When this and other requirements are fulfilled, unsuspected faculties are discovered to the investigator by means of which he can make observations in the "superphysical" worlds including that alleged to be the habitat of the human spirit after death. Another variant of such faculty, interesting because it makes possible concrete tests of the accuracy of observation, is that of submicroscopic examination of physical objects. The alleged structure of the chemical atoms has been mapped out in this way and published, antedating the discovery of at least two of the known chemical elements by orthodox science.

This is not the place for an extended discussion of this subject, for which I would refer those interested to the free lectures to be given this week by Mr. Irving S. Cooper of Los Angeles. Mr. Cooper has made a thorough study of the subject, and is a man of keen scientific sense, so I have no hesitation in recommending his lectures to my fellow Tech men.

I should be glad to hear from those interested and to suggest reading matter, which may be borrowed from the Theosophical Library.

(Signed) Eastman A. Weaver '15.

Notices and Announcements

OFFICIAL

R. O. T. C. SENIORS
Pay checks for Seniors of all units are now in.

DEBATING

All men interested in debating will report in room 1-190 on Mondays, Wednesdays, and Fridays from 1 to 2 and room 2-130 from 1 to 2 Tuesdays and Thursdays.

RESERVE OFFICERS ASSOCIATION M. I. T. CHAPTER

All Reserve Officers are requested to send their names and addresses to F. G. Keyes, room 4-173, before noon today.

UNDERGRADUATE

FRESHMEN

Competitions for the editorial and business staff of 1925 T. C. A. Handbook starts Wednesday. All freshmen and Sophomores interested call at the T. C. A. office at 5 P. M. Wednesday.

CADET OFFICERS

There will be a reception for President Stratton, held under the auspices of Scabbard and Blade, for all cadet officers at 7:30, Wednesday evening, in the faculty dining room, Walker. Wear uniforms.

COMPLIMENTARY TICKETS

The Social Division of the T. C. A. has received 10 tickets for each of three concerts to be given at Jordan Hall, Tuesday evening, Nov. 18, Harrison Potter, Pianist; Thursday evening, Nov. 20, Harry Farberman, Violinist, and Monday matinee, Nov. 24, Alexander Brailowsky, Pianist. Anyone desiring tickets may obtain same by calling at the T. C. A. office.

TECHNOLOGY DAMES

A meeting of the Technology Dames will be held this afternoon in the Emma Rogers room at 2:30 o'clock. Professor H. W. Shimer will lecture and Mrs. W. H. Newhouse will read.

T.C.A. TO GIVE AWAY TEN CONCERT TICKETS

Ten tickets for each of three concerts have been received by W. D. Birch '27, manager of the T. C. A. Social Division. These tickets have been given by Aaron Richmond, concert director of Boston, to be given to students who are interested in music and are not able to buy tickets. Mr. Richmond plans on sending complimentary tickets from time to time throughout the winter.

The tickets for next Tuesday are for a concert by Harrison Potter, pianist; Thursday, Harry Farberman, violinist; next Monday matinee, Alexander Brailowsky, pianist. Any one who is interested desiring one may obtain same at the T. C. A. office.

MOVIES SHOW FAULTS IN PRINCETON ROWING

Catching crabs and getting off stroke by members of the Orange and Black Varsity crews will now be just a bit harder to live down. An ingenious method of showing the oarsmen their mistakes by means of slow motion pictures will most probably be a source of chagrin to the Varsity but delight to the scrubs. An excerpt from the "Princetonian" article relating to this new feature gives some details of the system.

"A feature of the Varsity Crew practice Thursday Oct. 23, was the taking of slow motion pictures of the Orange and Black crews in action. First a series of films were made of the Orange boat while the oarsmen employed a slow paddling stroke on the way down to the dam. Following this, pictures were taken of the two Varsity shells racing to the Boat House, using a 33 count over a course of one and a half miles. The entire squad will watch a showing of the films in the near future so that any noticeable mistakes in stroke or form may be made clear."

COMBINED MUSICAL CLUBS
Freshman candidates for the business department of the Musical Clubs may interview Messrs. Walker, Hately, or Garen any day at 5, in the office, 310 Walker.

RIFLE TEAM

Candidates for the varsity rifle team are requested to report at the range Monday between 3 and 5 in the afternoon, or on Friday between 2 and 5.

HOCKEY PRACTICE

Hockey practice begins this afternoon at the Boston Arena from 5 to 6 P. M. All men who have been on the varsity or freshman squad are eligible to report. Watch bulletin board for announcement of room for the mass meeting this Wednesday.

DORM DANCE

Tickets for the informal dorm dance next Friday will be on sale in the main lobby today, tomorrow, and Wednesday. Price \$2.00 per couple.

TECH DAMES

Mothers, wives, and sisters of students will be welcome at the next meeting of the Tech Dames, Monday afternoon, November 17 at 2:30, in the Emma Rogers Room at Technology. Professor H. W. Shimer will be the speaker and Mrs. W. H. Newhouse the reader, followed by social tea.

MECHANICAL ENGINEERING SOCIETY

The Mechanical Engineering Society will hold a smoker in north hall, Walker, Wednesday evening at 7:30. Mr. K. C. Moller '07, will speak with "The Engineer" as his subject. All eligible to membership in the society and freshmen members of Combined Professional Societies are invited.

SOPHOMORE FOOTBALL

There will be Sophomore Football practice every afternoon this week. Monday and Wednesday 4-6. Tuesday, Thursday and Friday 5-6.

INITIATION BANQUET HELD BY TAU BETA PI

At the fall initiation banquet of the Beta chapter of Tau Beta Pi, held at the Boston City Club Saturday night, the following were the initiates: M. H. King '25, Harrison Browning '25, F. L. Foster '25, C. J. Enwright '25, J. W. Pesk '25, G. V. Slotman '25, A. N. MacCleary '25, C. M. Boardman '25, J. G. Creveling '25, J. F. McIndoe '25, J. L. Clifford '26. Professor E. F. Miller '85, head of the Mechanical Engineering Department, served as toastmaster. Speakers on the program were Professor W. K. Lewis, head of the Chemical Engineering Department, and Professor Vannevar Bush, of the Electrical Engineering Department.

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